Index of Claims

| Appl | ication | /Control | l No. |
|------|---------|----------|-------|
|------|---------|----------|-------|

10/032,156 Examiner

Chieh M. Fan

Applicant(s)/Patent under Reexamination

SHOKROLLAHI ET AL.

Art Unit

2634

| <b>√</b> | Rejected |
|----------|----------|
| 11       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| _ | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  | aim i    |              |                 |          | )ate         | 1             |         |                | Cla           | aim      |          |           |   | Dat          | te           |          |          | 7       | CI    | aim        |          |          |          |           | ate      | •        |          |          |          |
|--|----------|--------------|-----------------|----------|--------------|---------------|---------|----------------|---------------|----------|----------|-----------|---|--------------|--------------|----------|----------|---------|-------|------------|----------|----------|----------|-----------|----------|----------|----------|----------|----------|
|  | <u>a</u> | 2            |                 |          |              |               |         | Γ              |               | <u>a</u> | 5        |           |   |              |              |          |          | 1       |       | al         |          |          |          |           |          |          |          |          |          |
| Final  | Original | 5/24/05      |                 |          | -            |               | `       |                | Final         | Original | 5/24/05  |           | -1  |              |              |          |          |         | Final | Original   |          |          |          |           |          |          |          |          |          |
| ᄕ  | ō        | 2/5          |                 |          |              |               |         |                | 证             | Ö        | 5/2      |           |   |              |              |          |          |         | 证     | Ğ          |          |          |          |           |          |          |          |          |          |
|  |          |              | -               | $\sqcup$ | $\dashv$     |               | +-      | ┞              |               |          |          | $\dashv$  | 4   | +            | _            | $\sqcup$ |          | 4       |       |            |          |          | _        | _         | _        | _        | _        | _        | 4        |
|  | 1        | 1            | $\perp$         | $\sqcup$ | $\dashv$     | +             | +       |                |               | 51       | 0        | $\dashv$  | 4   | +            | ╄            | $\vdash$ |          | 4:::::  |       | 101        | -        | -        |          |           |          |          | 4        | 4        | 4        |
|  | 2        | 1            | +-              | $\vdash$ | $\dashv$     | +             | +       | -              |               | 52       | 0        | $\dashv$  | +   | +            | ┢            | $\vdash$ | +-       | -       |       | 102        | _        | $\dashv$ | $\dashv$ | $\dashv$  |          |          | $\dashv$ | -        | $\dashv$ |
|  | 3        | 1            | +               | H        | $\dashv$     | +             | +       |                |               | 53<br>54 | 0        | $\dashv$  | +   | +            | ╁            | $\vdash$ |          | - ::::: |       | 103<br>104 | $\dashv$ | $\dashv$ | +        | $\dashv$  |          |          | $\dashv$ | $\dashv$ | $\dashv$ |
|  | 5        | 1            | +               | $\vdash$ | +            | +             | ┿       |                |               | 55       | -        | $\dashv$  | +   | +            | +            | $\vdash$ |          | -       |       | 105        | -        | $\dashv$ | $\dashv$ | $\dashv$  | -        | $\dashv$ | ᅱ        | $\dashv$ | $\dashv$ |
| <u> </u>   | 6        | 7            | +               |          | $\dashv$     |               | ╅╴      | ┼              |               | 56       | -        | -         |   | ╅            | $\vdash$     | $\vdash$ | -        | 1       |       | 106        | $\dashv$ | $\dashv$ | $\dashv$ | +         | -        | -        | ᅱ        | $\dashv$ | ᅱ        |
| _  | 7        | V            | +               | H        | $\dashv$     | -             | +       | ┼              |               | 57       | Н        | $\dashv$  | $\dashv$  | ┿            | 十            | -        |          | 1       |       | 107        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | $\dashv$ | -        | ┪        | $\dashv$ | ᅱ        |
|  | 8        | V            |                 | $\vdash$ | $\dashv$     | _             | +-      | T              | -             | 58       | Н        |           | 十   | +            | t            |          |          | 1 1     |       | 108        | $\dashv$ | $\neg$   | _        | 7         | _        | ┪        | $\dashv$ | $\dashv$ | ᅱ        |
|  | 9        | 0            | $\neg$          | $\vdash$ | 7            | _             | $\top$  | H              |               | 59       | $\vdash$ | $\dashv$  | 十   | +-           | T            | $\vdash$ | $\top$   | 100     |       | 109        | $\dashv$ | 7        | 十        | 寸         | _        | -        | _        | $\dashv$ | ᅥ        |
|  | 10       | ा            |                 | Ħ        |              | $\neg$        | 1       |                |               | 60       |          | $\exists$ | 十   | $\top$       | T            |          | $\top$   | 1 1     |       | 110        |          | $\dashv$ | 寸        | 寸         |          | $\neg$   | $\dashv$ | $\dashv$ | ヿ        |
|  | 11       | 0            |                 | П        |              | 1             | 1       |                |               | 61       | П        |           | $\top$  | 1            | Т            | П        | $\neg$   | 1       |       | 111        |          | $\dashv$ | 寸        | 寸         | T        | ヿ        | $\neg$   | 7        | $\neg$   |
|  | 12       | 0            |                 |          |              |               | T       |                |               | 62       |          | 一         | $\top$  |              |              |          | -        | 1 1     |       | 112        |          | 寸        | 寸        | $\dashv$  |          | コ        | $\neg$   | 7        | ᅥ        |
|  | 13       | 0            |                 |          |              |               | I       |                |               | 63       |          |           |   |              |              |          |          | ]       |       | 113        |          |          |          |           |          |          |          | $\neg$   | $\neg$   |
|  | 14       | 0            |                 |          |              |               |         |                |               | 64       |          |           |   | $oxed{\Box}$ |              |          |          |         |       | 114        |          |          |          |           |          |          |          |          |          |
|  | 15       | 1            |                 | П        | $\Box$       |               | Ţ       |                |               | 65       |          |           | I.  |              |              |          |          |         |       | 115        |          |          | $\Box$   | $\Box$    | I        |          |          |          |          |
|  | 16       | 1            |                 |          | _            | _ _           |         |                |               | 66       | Ш        |           | $\perp$   | $\perp$      |              |          |          | J       |       | 116        |          |          |          | $\perp$   | _]       |          |          |          |          |
|  | 17       | <b>V</b>     |                 | $\Box$   | _            |               | _       |                |               | 67       | Ш        | $\Box$    | $\perp$   | $\perp$      | $oxed{oxed}$ | $\sqcup$ |          | ]       |       | 117        |          |          |          | _         | _        | _        | _        |          |          |
|  | 18       | 0            | 4_              |          | _            |               | $\perp$ | _              |               | 68       |          | $\sqcup$  | _ _   |              |              | Щ        |          | 4       |       | 118        | _        | _        | _        | _         | _        | _        | _        | $\dashv$ | ᆜ        |
|  | 19       | 0            |                 | 4        | _            | _             | _       | _              |               | 69       |          | $\perp$   | _   | _            |              |          | <u> </u> | J       |       | 119        |          |          | _        | _         | _        | _        | _        | _        | $\dashv$ |
| $\vdash$   | 20       | 0            |                 | $\vdash$ | 4            | _ _           | ┿       |                |               | 70       | Ш        | _         | -   | ┶            | -            | $\vdash$ |          | 4       |       | 120        | _        | _        | $\dashv$ | 4         | _        |          | _        | _        | _        |
|  | 21       | 0            | _               | Н        |              | _             | +       | L              |               | 71       | Н        | -         | -   | +-           | 1            | $\dashv$ | -        | 4       |       | 121        | $\dashv$ | $\dashv$ | 4        | -         |          | _        |          | 4        |          |
|  | 22       | 0            |                 | $\vdash$ | -            |               |         | -              |               | 72       | -        | -         | -   |              | -            |          | -        | -       |       | 122        | _        | $\dashv$ | -        | -         | -        |          | 4        | 4        | ႕        |
|  |          | 허            | -               | $\vdash$ | +            | - -           | +       | $\vdash$       |               | 73       | -        | $\dashv$  | +   | +            | $\vdash$     | $\dashv$ | +        | -       |       | 123        | -        | -        | -        |           | -        | $\dashv$ |          | -        | $\dashv$ |
| $\vdash$   | 24<br>25 | 허            | +               | $\dashv$ | +            | -             |         | Н              |               | 74<br>75 | Н        | -+        |   | +-           | ╀            | $\vdash$ | +-       | -{      |       | 124        | $\dashv$ | $\dashv$ | $\dashv$ | +         | -        | $\dashv$ | $\dashv$ | -        | ᅱ        |
| <del></del>                                      | 26       | ᆌ            | +               | $\vdash$ | $\dashv$     | +             | +       | $\vdash$       |               | 76       | Н        |           | -   | +-           | H            | $\vdash$ | ┿        | -{}     |       | 125<br>126 | $\dashv$ | $\dashv$ | $\dashv$ | -         |          | $\dashv$ | -        | $\dashv$ | $\dashv$ |
|  | 27       | Ť            | +               | $\dashv$ | $\dashv$     |               | ╁       | $\vdash$       |               | 77       | Н        | $\dashv$  | +   | +            | +            | $\vdash$ | -        | ┨══╂    |       | 127        | -        | +        | $\dashv$ | +         | ┪        | $\dashv$ | $\dashv$ | $\dashv$ | ᅱ        |
| H  | 28       | il           | +               | $\vdash$ | $\dashv$     |               | ╁       | Н              |               | 78       | $\vdash$ | $\dashv$  | +   | +-           | +-           | $\vdash$ | -        | ┨═      |       | 128        | $\dashv$ | +        | $\dashv$ | +         | +        | ┪        | -+       | $\dashv$ | $\dashv$ |
| $\vdash$   | 29       | il           | $\dashv$        | $\vdash$ | $\dashv$     |               | +       | Н              |               | 79       |          | $\dashv$  | +   | +            | $\vdash$     | -        | +        | ┨┈╏     |       | 129        | $\dashv$ | $\dashv$ | +        | $\dashv$  | ┪        | $\dashv$ | $\dashv$ | -+       | ᅱ        |
|  | 30       | V            | +-              |          | _            | _             | +       | H              |               | 80       |          | +         | +   | +-           |              | $\dashv$ | +        | 1 1     |       | 130        | $\dashv$ | ┪        | +        | 十         | 一        | $\dashv$ | -        | +        | 一        |
|  | 31       | 0            |                 | $\neg$   | 寸            | 十             | +-      | Н              |               | 81       |          | 十         | $\top$  | _            | 1            | $\neg$   |          | 1       |       | 131        | $\dashv$ | 寸        | +        | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | 寸        | コ        |
|  | 32       | 1            | $\vdash$        | $\neg$   | 寸            | 十             | 1       | Н              |               | 82       |          | 寸         | _   | $\top$       |              |          | $\top$   | 1 1     |       | 132        | T        | T        | 1        | 寸         | 7        | 寸        | 一        | 十        | コ        |
|  | 33       | 1            |                 |          | 丁            | $\neg \vdash$ | 1       |                |               | 83       |          |           |   |              |              |          | 1        | 1       |       | 133        |          | T        | ╅        | 寸         | 寸        | ヿ        | ┪        | $\dashv$ | ヿ        |
|  | 34       | 0            |                 |          |              |               |         |                |               | 84       |          | $\Box$    |   | Ī            |              |          |          | ]       |       | 134        |          | 寸        | 丁        | $\neg$    | 7        |          | $\neg$   | $\neg$   | ᆌ        |
|  | 35       | 0            |                 |          | $oxed{oxed}$ |               |         |                |               | 85       |          | $\Box$    | $oldsymbol{ol}}}}}}}}}}}}}}}$ | $oxed{\Box}$ |              |          |          | ]       |       | 135        |          |          |          | ▔         |          |          | 丁        |          |          |
|  | 36       | 0            | $\Box$          | $\Box$   | $\Box$       |               | $\perp$ |                |               | 86       |          | $\bot$    | $\perp$   |              |              |          |          | ][      |       | 136        |          |          |          |           |          |          |          |          |          |
|  | 37       | 0            |                 | $\Box$   | $\Box$       |               |         |                |               | 87       |          | $\perp$   |   | $\perp$      | $\Box$       | $\Box$   |          | ][      |       | 137        |          |          | $\Box$   | $oxed{J}$ |          |          |          |          |          |
|  | 38       | 0            | <u>  · </u>     |          | $\perp$      | _ _           | 1       | Ш              |               | 88       | Ш        | $\perp$   |   | $\perp$      | Ш            | $\Box$   | <u> </u> | ] [     |       | 138        | $\Box$   | $\Box$   | $\bot$   | $\bot$    | $\prod$  | $\Box$   | $\Box$   | $\bot$   |          |
| $\sqcup$   | 39       | 0            | $\perp$         |          | _            | _ _           | 4_      |                |               | 89       | Ш        | _         | _   | $\perp$      | Ш            | $\sqcup$ |          | ]       |       | 139        | _        |          | _        | _         | _        | _        | _        | $\perp$  | _        |
|  | 40       | 0            | $\dashv$        | _        | _            | $\bot$        | _       | Ш              |               | 90       | $\sqcup$ | $\dashv$  | 4   | 4_           | Ш            | $\sqcup$ |          |         |       | 140        | $\Box$   | _        |          | _         | _        | ļ        | _        |          | _        |
| -  | 41<br>42 | 위            | +               | $\dashv$ | -            | +             | +-      | l -            |               | 91       | $\sqcup$ | -         | +   | +            | $\vdash$     | $\perp$  | $\perp$  |         |       | 141        | _        | _        | 4        | 4         | _        | _        |          | -        | _        |
|  | 42       |              |                 | $\dashv$ | +            | +             | +-      | H              |               | 92       | $\sqcup$ | +         | +   | +-           | $\vdash$     | _        | +        | -       |       | 142        | 4        | _        | _        | _         |          | _        | 4        | -        | $\dashv$ |
|  |          | 위            | +               | -        | -            | +             | +       | $\vdash\vdash$ |               | 93       | $\vdash$ | $\dashv$  | +   | +            | ₩            | $\dashv$ |          | -       |       | 143        | _        | $\dashv$ | $\dashv$ | $\dashv$  | 4        | $\dashv$ | 4        | -        |          |
| $\vdash \dashv$                                  |          |              | +               | $\dashv$ | $\dashv$     | +             | +       | $\vdash$       |               | 94<br>95 | $\vdash$ | +         | +   | +            | $\vdash$     | $\dashv$ |          | ┨┈╟     |       | 144        | $\dashv$ | $\dashv$ | +        | -         |          |          | $\dashv$ | $\dashv$ | $\dashv$ |
|  |          | 위            | +               | $\dashv$ | $\dashv$     | - -           | +       | Н              |               | 96       | $\dashv$ | +         | +   | +            | $\vdash$     | $\dashv$ | $\dashv$ | ╢╟      |       | 145<br>146 |          | $\dashv$ | +        | $\dashv$  | $\dashv$ | -        | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash$   |          | 하            | +               | -+       | +            | +             | +       | Н              | $\dashv$      | 97       | $\dashv$ | $\dashv$  | +   | +            | ┼┤           | $\dashv$ | - -      | ╢╟      | -     | 146        |          | $\dashv$ | +        | +         | $\dashv$ | $\dashv$ | +        | +        | $\dashv$ |
| <del>                                     </del> |          | 하            | $\dashv \dashv$ | $\dashv$ | $\dashv$     | +             | +-      | Н              |               | 98       | $\dashv$ | $\dashv$  | +   | +            | $\vdash$     | $\dashv$ | +        | ┨Ш╂     |       | 148        |          | $\dashv$ | +        | +         | +        |          | +        | +        | ᅱ        |
| -  |          | <del>ॅ</del> | +               | $\dashv$ | $\dashv$     | +             | +-      | $\vdash$       | $\overline{}$ | 99       |          | +         | +   | +-           | $\vdash$     | +        | +        | ┨┈╟     |       | 149        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | +        | +        | $\dashv$ | +        | $\dashv$ |
|  | 50       | <del>1</del> | $\top$          | $\dashv$ | $\dashv$     | $\dashv$      | +       | Н              |               | 100      | $\vdash$ | $\dashv$  | +   | +            | $\vdash$     | +        |          | ┧┈┟     |       | 150        | $\dashv$ | -+       | $\dashv$ | +         | $\dashv$ | ᆉ        | $\dashv$ | +        | $\dashv$ |
|  |          |              | _               |          | 1            |               | _ 1     |                | <br>          |          |          |           |   |              | . 1          | - 1      |          | 1       |       | 100        |          | - 1      |          |           |          | - 1      |          |          | - 1      |